TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER PHUS030268US

COI	NCERNING A SUBMISSIO	U.S. APPLICATION NO. (If known_see 37 CFR 1.5)									
	TIONAL APPLICATION NO. B2004/002569	INTERNATI July 26,	TIONAL FILING DATE	PRIORITY DATE CLAIMED August 4, 2003							
TITLE OF	INVENTION		<u></u>	ragact 1, 2000							
MAPPING THE CORONARY ARTERIES ON A SPHERE APPLICANT(S) FOR DO/EO/US											
Guy A											
Applican				O/US) the following items and other information:							
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.										
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.										
3. 🔽	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.										
4.	The US has been elected (Article 31).										
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
	a. s attached hereto (required only if not communicated by the International Bureau).										
	b. As been communicated by the International Bureau.										
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).										
6.	An English language translation of the	International A	pplication as filed (35 U.S.C	C. 371(c)(2)).							
	a. is attached hereto.	•									
	b. has been previously submitted under 35 U.S.C. 154(d)(4).										
7. Z	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))										
	a. are attached hereto (required only if not communicated by the International Bureau).										
	b. have been communicated by the International Bureau.										
	c. have not been made; however, the time limit for making such amendments has NOT expired.										
	d. A have not been made and will not be made.										
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).										
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).										
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).										
Items	s 11 to 20 below concern document(s)	or information	included:								
11. 🔽	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.										
12. 🔽	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.										
13.	A preliminary amendment.		CERTIFICATE OF EXPRESS MAII	LING							
14.	An Application Data Sheet under 37 Cl	FR 1.76.	Express Mail No. EK 419167856 Date of Deposit February 3, 200								
15.	A substitute specification.			fee is being deposited with the United States Postal Service "Express on the date indicated above and is addressed to the Commissioner for							
16. 🔽	A power of attorney and/or change of a	ddress letter.	Patricia A. Heim	ia Attein							
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.										
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).										
19.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).										
20.	Other items or information:										

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents P O Roy 1450 Alexandria VA 22313-1450. Under the Reduction Act of the Son are required to respond to a collection of information unless it displays a valid OMB control number.

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21 sec sationarfee \$300						CALCULATIONS PTO USE ONLY				
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22. Exami If International pre PCT Article 33(All other situations	(1)-(4)	\$	200.00							
23. Search Search fee (37 CF Internation International Search All other situations	R 1.445(a)(2)) h al Searching Aut ch Report prepar	\$	400.00							
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Additional fee	for specification ing or computer		300.00							
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Surcharge of \$130 claimed priority da		\$								
CLAIMS	NUME	ER FILED	NUMBER EXTRA	RATE	\$					
Total claims	19	- 20 =	0	× \$ 50	\$	-				
Independent claim	Independent claims 2 -3 =		0	× \$200	\$					
MULTIPLE DEPE	NDENT CLAIM(S	\$								
		\$	900.00							
Applicant clair	ns small entity st	tatus. See 37 CFR	1.27. Fees above are reduce	ed by 1/2.						
		\$	900.00							
Processing fee of a claimed priority da		\$	\$							
		\$ 900.00								
Fee for recording to by an appropriate		\$	40.00							
			TOTAL F	EES ENCLOSED =	\$ 940.00					
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		Ame	ount to be rged:	\$						
a. A check in the amount of \$ to cover the above fees is enclosed.										
b. Please charge my Deposit Account No. 14-1270 in the amount of \$ 940.00 to cover the above fees. A duplicate copy of this sheet is enclosed.										
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit										
Account No. 14-1270 . A duplicate copy of this sheet is enclosed. d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not										
be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed										
			on to pending status.		4.0					
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